MCDI
SECURITY PRODUCTS

PRODUCTS GUIDE
2012

MCDI
SECURITY PRODUCTS

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RoHS Compliant

MCDI Alarm receivers

MCDI Receivers: perfect choice for SECURITHOR
From low cost PCI board receivers to high end rack mount Decrypta 6, MCDI receivers are the best fit for your SECURITHOR.

MCDI receivers handle more than 20 alarm protocols such as Pulse, Contact ID, SIA, Telim, Robofon and Tunstall TTnew. MCDI receivers are the best fit for SECURITHOR has they are all made by the same manufacturer but MCDI receivers will also work with most automation software on the market.

Efficient design

MCDI designed the Extrium box for models D3, EXSA and Extrium. This new box is engineered so you can use your receiver either desktop or in a PC chassis. Desktop units can be raised for easy viewing or flat for stacking. D4 and Extrium units are made work without prone to fail mecanical parts. They do not require fans in most conditions and are made to work unattended.

Decrypta 5 and 6 are engineered to work in rack chassis, without fan and to be serviced from the front without stopping operation. Most components are modular and easy to replace. With 6 lines per 1U rackmount including 2 way voice operation, D5 and D6 are real space savers for larger centrals.

The EXTRIUM family

MCDI is introducing a new line of receivers with advanced features such as IP reporting, reporting redundancy and 2 way voice to IP. The Extrium family is designed around MCDI'S EXTRIUM board with embedded Linux and MCDI'S Cognitum programming. This intelligent alarm receivers is designed to fit a small form factor, withour mecanical parts prone to break. Several models also have the ability to collect signals from legacy receivers and broadcast them over IP.

Extrium::db is complete with internal database of 4000 accounts or linked to SECURITHOR software for unlimited number of accounts. Extrium::db shows account information, alarm codes in clear text, action to take according to the complete list of info in the account. Ideal for stand alone monitoring without PC.

Concentrator: Edb with cpu only (no internal receiver). Manages inputs from traditional receivers or IP panels and provides

D5: the workhorse of CMS! 6 lines, efficient design in a one rack-mount space. No mechanical part, redundancy management.

D6: horsepowers! 6 lines of a D5 + 2 way voice to IP in only one rack-mount space. No more costly PBX. Ideal to make PERS monitoring. Available Q4 2012

Expreciun D

MCDI introduced the concept of receivers on PC board back in 1993. with the original TLR. Expreciun D is now the 10th generation of MCDI receivers boards. Expreciun was the first RoHS compliant receivers on the market and Ed is the 3rd generation made with RoHS compliance. Chassis and power supply provided by the host PC, Expreciun boards are lower cost alternative yet not short on performance.

DECRYPTA 4 receiver

Based on legenday D2 and D3, D4 is the work horse of Central stations and MCDIs most popular model. Easy to use, Easy to configure, it packs over 20 alarm formats in a small form factor.

Main features are 2 independant phone lines, 2 power inputs, dual reporting over serial or USB ports, front display for events viewing and configuration.

Front display configuration menus in English, French, German, Portugese, Russian and Spanish. PC configuration tool available in Arabic, English, Farsi, French, German, Portugese, Russian and Spanish. Available as RoHS or non RoHS.

RoHS compliance

MCDI is the first manufacturer to introduce RoHS compliant alarm receivers manufactured without lead, cadmium and pbb). Noneless than 6 models where RoHS compliant when this CEE directive came into effect. All new MCDI designs are totally in compliance with RoHS directive and offered with WEE recycling when returned to MCDI. With China, Turkey and California adopting similar lead free regulation, MCDI is not only a technology choice but also an ecological choice.

Ease of use

MCDI external receivers are made to work out of the box, without the need of a technician. Configuration panels are easy to understand and simple.

Power redundancy

All MCDI models are designed to run on at least 2 power sources including 12V batteries. Some like D5 and Extrium even have a third souce, an internal lithium-ion rechargeable battery to add one hour of operation in case of emergency or equipment maintenance.

Listen-in and 2 WAY voice integration with CMS software

Decrypta 6 units have the capacity to route audio signals from receivers over IP to any SIP client. No more web of wires or coslty PBX! Coming in 2012.

Receiving alarms from **IP panels**

MCDI SP is working with several manufacturers to integrate alarm signals from IP panels. Formats from Paradox, 3i, Roel, SIA DC-09 are integrated in the Extrium::CPU and DB models.

¬¬Complete specifications available from mcdi.com

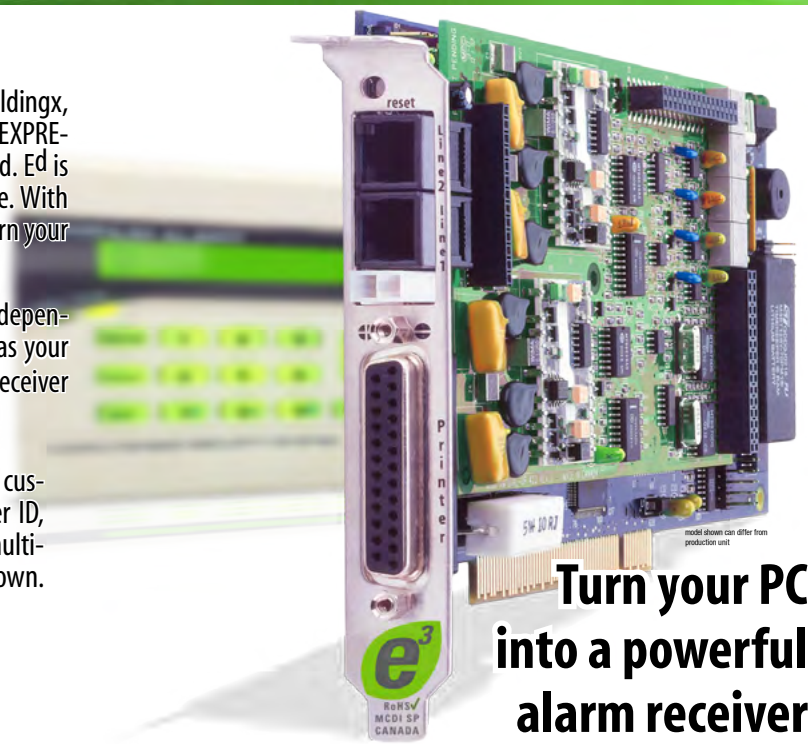
RoHS Compliant

eXprecium^{d}

EXPRECIUM D™ makes alarm monitoring easy for Industries, Buildingx, Health Services, College Campuses and Security departments. EXPRECIUM™ is MCDI's 10th generation of PC based alarm receiver card. Ed is giving you the largest choice of alarm formats at affordable price. With two phone lines per board, Exprecium gives you the power to turn your PC into a powerful alarm receiver.

Exprecium fits into PCs with a PCI or PCI-E bus but can work independantly from PC. Starting with one board, you can add boards as your Monitoring Station grows. ARC of all sizes have trusted MCDI receiver boards for more than 15 years.

Exprecium does not impose a logical limit to the number of customers per line and comes with a 4095 events memory, Caller ID, independant lines, handshake tuning for faster receiving and multi-languages configuration tool. Works even if Windows OS is down.
RoHs compliant for China, Europe, Japan, Turkey.



Turn your PC into a powerful alarm receiver

Technical Specifications

Communications:
Exprecium D provides 2 RJ11 type jacks for telephone line connection.

Type:	Pulse, DTMF, FSK
Reception Speed:	10, 20, 40 pps DR / CS
Handshake and Kiss-off:	1400Hz /2300Hz/2225Hz
Pulse Frequency:	1800Hz / 1900Hz
Telim//Robofon:	1180Hz / /1100Hz

Reception Formats supported:

Acron	Radionics 6500
Ademco:	Radionics extended
- Slow/Fast;	Sescoa Slow, Super Fast
- Contact ID;	Sescoa Standard
- Extended;	SIA
- Express;	Silent Knight Slow
- High Speed	Stratel
FBI Super Fast	Napco Point ID
Tunstall TTnew(EDr only)	BFSK,CFSK, VFSK (E2 only)
3x1	3x1 extended
4x1	3x1 extended compressed 4x2
4x1 extended	4x1 extended compressed 4x2
4x2	Zero removed 3x1, 4x1, extended.
Optex's Varitech	C&K: Bell 103A2 or CCIT (option)

For Germany and Scandinavia (option): Telim

All boards are delivered with Bell 103 on both lines. Please specify for Telim

Output
Exprecium D reports signal to PC in MCDI, MCDI Enhanced, Surgard MRL2/ MLR200 and Ademco 685 modes. While the card is sitting in computer's PCI or PCI-E slot, output is through USB and Serial ports that are fed back to PC. USB output at the back with high retention connector, bracket holder for serial port supplied. Selectable Main and secondary outputs.

Printer Output:
Exprecium D support Epson T Family POS printer through Serial or USB connection. Designed for Epson T88V.

Event Logging when PC is absent:
EXPRECIUM stores last 4095 events at all time and can continue receiving even when PC is down if second power input is used.

Power Requirements:

From computer +12V Supply:	200 mA max.
From 6V Battery (standby):	200 mA

Station Requirements:
PC chassis with 12V electrical supply though PCI or PCI-E bus with full length PCI or extenal 12Vdc power supply
Signal: USB 1.1/2.0 or Serial port.
Configuration tool : PC runing OS allowing installation of .NET 3.5 such as Windows XP,Server 2003, Vista, Server 2008, Windows SMS, Windows 7

Battery Back-up:
EXPRECIUM D normal power source is the PC. A second power input is provided at the rear bracket allowing connection of an external battery. Battery level supervised without charging. Battery must supply 7.2V 200ma

Monitoring Software:
Exprecium is compatible with most Automation software on the market including **SECURITHOR**, SAMM X, WINSAMM, ABM, A-traq, Bykom, Centralworks, FROUROS II, Patriot, SIS, SIMS, and Softgard.

Multi-language configurator and traffic viewer
Comprehensive configuration tool in English with translations in Arabic, Deutsch, Español, Farsi, Portugese and Russian. Traffic viewer for PC and log file included. Traffic viewer allows sending main output to Automation software while secondary output trasmits to viewer for log writing.

STM SECURITHOR Mobile Web Viewer option
Ed events can be viewed online using STM Mobile web viewer from MCDI. STM permits events viewing with alarm code description on iPhone, Android phones or iPad like devices with internet access.

STM is sold separately from Ed or D4. It is bundled with some Securithor versions

www.mcdi.com

MCDI SECURITY PRODUCTS

RoHS Compliant

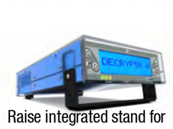
decrypta 4

Decrypta 4 is the most recent alarm receiver from MCDI. Based on legendary D2 and D3, D4 has completely redesign electronics.

Redundancy features such as dual lines, dual power sources, dual output makes this new receiver a must for ARC or for any institution or corporation who want to self monitor. D4 is easy to set-up , easy to use no matter if in a Guard booth or in a Control room.

Features

At MCDI SP we think inside the box but what a box we made!



Raise integrated stand for easy reading in stand alone mode.

Flat for easy stacking and use of multiple D3 with inexpensive USB hub.

Remove outer cover for installation inside a PC or a server in a standard CD/HD slot

√RoHS compliant
Made especially to meet China, Europe, Turkey and Japan RoHS and WEEE requirements, D4 is made with lead free components.

Superior design
We designed D4 with functionality and uptime in mind. A smaller form factor to stack more or to fit in servers and PC, electronic not requiring fans, no moving parts prone to break and keypad with sealed buttons to make this receiver one of the best and durable value in the security industry.

Receiving more!
Over 20 alarm formats supported including Contact ID, SIA and Pulse. Events are reported to PC in MCDI, MCDI Extended, Surgard or Ademco 685 modes to be compatible with most Monitoring software on the market such as SECURITHOR, WINSAMM, SAMM, A-Traq, Patriot, SIS, SIMS, Microkey and Central works.

Fast and easy set-up
D4 is fully controllable either from connected PC or from front display and controls. Easy set-up in a few minutes without the need of factory technicians or the complicated menus of legacy receivers.

Fast response from receiver is insured by MCDI generation^4 programming. Handshake sequences, rings and several parameters are programmable to present panels with the right handshake. Favourite handshake sequences can be stored for up to 10000 accounts.

Multi-lingual display
Configuration menus are available from front display menus in English, French, Spanish, German, Italian, Portuguese and Russian. More languages available from PC configuration tool.

Easy to read alarms signals
D4 is ideal to use in Stand Alone supervision such as guard booths: no PC and software needed in most cases. Just read the incoming alarm from the front display and browse up and down incoming alarm events ordered by order of arrival. Caller ID is also displayed when available. An external 5V relay at the back can trigger lights, sirens.

Dual Power Sources
D4 can be powered by included power supply or external battery thus making sure your receiver keeps on receiving for days even in case of power outage.

Dual Inputs
2 RJ11 phone line jacks. Alarms can be received on both lines simultaneously. Lines are identified with a line number (0 to 255) for the Monitoring Software thus making is possible to have D4 identified as two receivers or several D4 grouped as one receiver.

GSM back-up
D4 supports wireless phone link for mobile use such as MCDI GSM backup interface GCI1800 and GCI1900. Sold separately.

Dual Outputs
For connection to computer: 1 USB client port and 1 serial port. Both outputs transmit alarm signals received by D4, One is used as primary for acknowledge and the second one for logs or redundancy. Signal can be sent to 2 separate PCs or in the same PC to separate applications.

Dual logs
Printer is used to hardcopy raw logs from D4 as alarms are received. Secondary output sends signals to log file in PC (Windows logger supplied-.Net required).

STM SECURITHOR Mobile Web Viewer option
D4 events can be viewed online using STM Mobile web viewer from MCDI. This special version let's you view events and description on iPhone, Android phones or iPad like devices with internet access.

STM is sold separately from Ed or D4. It is bundled with some Securithor versions

New! Permanent status bar and LEDs indicator
Directly from the front window, now see exactly what is happening from line communication, dead line detection for both phone lines , online/off line printer to communication or absent PC. Display status bar is doubled by flash-

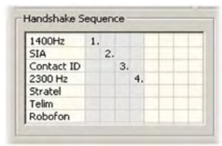
ing green and yellow LEDs to notice line and PC connections from distance. Power LED shown in status plus flashing to indicate if D4 is switching from main power to battery back-up.

Display:
Easy to read graphic display. Incoming signals breakdown by line number, receiver number, date, time, account/alarm codes and caller ID.

D4 displays last 4095 events with automatic or manual mode (acknowledge required). Option to keep last event permanently on display or to require operator's acknowledge.

If not using a Monitoring software, acknowledgement of incoming alarms is done by pressing the Alarm acknowledge key (CR).

Extended memory and logs
D4 displays last 4095 events while power is maintained. Events are displayed on LCD as a sequential pile when power is maintained. Options to jump in pile are controlled by front keys. Memory is protected by NV ram.



Handshake sequence
Programmable handshake sequence lets you program the formats you want and forget about the ones you are not using in order to speed up the time D4 takes to answer. Favourite sequences are stored for up to 10000 accounts.

DRIVERS AND COMMUNICATION
USB drivers supplied Windows Server 2003, XP, Vista, Server 2008, 7, Server 2011/12.
Serial communication with DOS, Linux, and Windows. D4 can be configured and operated without PC or with PC using OS with .net 3.5 enabled.

Automation software
D4 is designed to work at his best with **SECURITHOR** from MCDI SP. But it's also compatible with most Automation Software on the market including SAMM, WINSAMM, Patriot, Bold, FROUROS II, SIS, SIMS, Softgard, Centralworks. D4 Reporting to Automation software in MCDI, MCDI enhanced, Ademco 685m SG MLR2, MRL2000 modes. Supports 3 digits line numbers and 3 digits receiver numbers in MCDI SP and SG enhanced modes.

Form factor and construction:
The EXTRIUM box
D4 is made with the Extrium family box. At MCDI, thinking inside the box means we make special boxes that can be used several ways. D4 outer cover includes a stand for raised or stackable position as a desktop unit. Remove outer cover and D4 can be used inside a PC or a server because it's the exact form factor of a CD unit/ hardrive unit. Exactly what you need for operation in a server colocation rack or a remote unattended location. PC standardized screws on sides make it also easy to secure in a guard booth or factory plant.

Fan-less design and no mechanical moving parts ensure you get the best uptime because there are no prone to break parts.

No springs buttons: D4 buttons are sealed and incorporated in front membranes. All commands are also available from PC Configurator

Neat anodized blue finish -RoHS compliant.
Acrylic removable outer box cover.

Power Requirements:
Auto reboot upon power restore. From 9-12V DC Battery/ Power Supply: 250mA with fall-over management. Included power supply: 96-240V auto-ranging. IEC13 power cord to wall outlet.
Energy saving automatically switches LCD backlight when switching to battery.

Relay
D4 is fitted with an internal relay to trigger externally powered devices such as a visual indicator, strobe light or siren. Terminal posts, dry contacts, on the back of D4 for normally open and normally close positions. Relay is triggered each time an alarm signal is received by D4. Relay maximum current 30VDC 1A max.

Station Requirements
-D4 can be configured and operated without PC by menus on front display in English, French, German, Italian, Portuguese, Russian and Spanish.

-Configuration by PC through USB or serial port. PC configuration tools requires installation of Microsoft .NET 3.5 framework supplied on D4 CD. PC configuration tool in Arabic, English, Farsi, French, Italian, Portuguese, Russian and Spanish

-POS printer of compatible with Epson T family . Designed to use with Epson T88V.

-Wireless phone link for mobile use: GSM 1800/1900 or analog to RJ11 commuted .

-Caller ID service must be provided by Telco (Bellcore type 1 or compatible ETSI types) for Calling phone number to display.

Multiple D4 and a USB HUB
Several D4 can be linked to a single USB port on PC using a low cost USB hub.

Specifications may change without further notice. Please check our web site to always get the latest specifications.

RoHS Compliant

extrium::db

OUR MOST ADVANCED DESIGN AND PROGRAMMING: EXTRIUM::DB

DB stands for an integrated 4000 accounts database to decode and display alarm information on front display in plain language. EXTRIUM:: DB caters to the Central who wants an extreme alarm receiver able to handle PSTN and IP alarms. Edb also finds it's place in a Guard booths, Hospital wards, Factory floors and Police stations with its complete display and web interface. No PC required for stand alone information as you get alarm codes description, account info and action to take in plain text! Add to this the innovative design and redundancy features of the EXTRIUM family and you get new extremes in alarm receivers.

Technical Specifications and Features

At MCDI SP we think inside the box but what a box we made!

Raise integrated stand for easy reading in stand alone mode.

Flat for easy stacking and use of multiple Extrium or EXSA 2 line receivers.

Remove outer cover for installation inside a PC or a server in a standard CD/HD slot

Alarm codes you can read EXTRIUM:: DB is equipped with an internal 4000 accounts database you can enter via a browser from a PC or iPad type tablet. Accounts info such as name, address, phone of the person to contact are all loaded along with a text field for actions to take for each account. Operator can enter comments and notes for each alarm using a USB keyboard or from web browser. Database can be uploaded and maintained by a Central IT or admin department at will.

Extend database with SECURITHOR EXTRIUM::DB units can be connected to a SECURITHOR'S SQL database instead of EXTRIUM's internal database. Each alarm signal is then matched to ST database so each signal gets account, alarm codes and action information from ST virtually unlimited SQL database. IT department will find it easy to manage.

Alarm events reaching you! EXTRIUM::DB is equipped with a web server to push events to handheld devices such as iPad or Archos tablet. Gards, Nurses or key staff can see events on handheld devices using 3G or wi-fi networks. Supervisors can access Edb remotely to configure or view live traffic.

Power management: **3 electrical sources** Not 1 but 3 power inputs with automatic fall-over! From conventional AC-DC power adapter, from an external 12 V battery or from internal lithium-ion battery, when one power source goes down, the other ones can automatically take over without any interruption to EXTRIUM::DB functioning making Edb one of a kind receiver for remote installations.

Internal Lithium-Ion battery EXTRIUM is equipped with a Li-ON internal battery to insure one hour of continuous operation during maintenance or in case of a power shut down. Battery management and remaining battery time are displayed on screen giving EXTRIUM the ultimate in power redundancy.

Efficient design: no mechanical parts! To Insure the best uptime, MCDI designed the Extrium line without prone to break mechanical parts. Extrium is truly made for unantended and distant installation. 3 power sources and several communication modes will maximize uptime.

Dual Inputs: 2 phone lines and 2nd receiver EXTRIUM:DB handles signals coming from 2 internal phone lines and from connected compatible Alarm receiver. EXTRIUM::DB is equipped with 2 RJ11 phone line jacks. Alarms can be received on both lines simultaneously. Lines are identified with a line number (0 to 255) for the Monitoring Software.

You can add lines to EXTRIUM::DB by adding MCDI's receivers and integrated all of them in a server or PC for easy management. EXTRIUM:: DB will also handle outputs from legacy alarm receivers using SG or Ademco 685 formats.

Three Outputs and 4 IP destinations: The ultimate redundancy. EXTRIUM::DB is equipped with 4 separate outputs: 1 USB,1 ethernet, 1 serial port. All heartbeat and acknowledge management are handled by internal Cognitum programming for logging signals at several destination (multi-site reporting) or for handling fall-over of alarm signals. When one destination does not send acknowledge, alarm signals are automatically routed to alternate destination. Up to 4 IP destinations can be defined in EXTRIUM::DB making sure no alarm signals is left unattended.

IP receiving: Unique multi-format receiver Extrium DB is the only cross brand IP receiver.It handles sinals from Paradox IP, 3i, Roel, MCDI, DC-09. More manufacturers to be added during 2013.

Getting old receivers back in the game Edb can bring a new life to an old receiver. Edb is equipped with a serial port for handling outputs from older receivers reporting in Sur-Gard, Ademco 685 and MCDI formats (MCDI SA-TLR+, EXSA, D1, D2, D3, D4,). Edb serial input can extend Edb capacity up to 32 lines with Edb reporting management and ability to send alarm events

from those old receivers over IP.

Getting clear account infor and alarm codes from old receivers: Edb extends display features to connected receivers giving you legible alarms and account info from a legacy receiver along with Edb unique alarm routing capability.

Internal receiver Edb is equipped with a MCDI SP Generation 4 Exprecium D board. Also available without internal receiver on special order.

RoHS compliant All members of the EXTRIUM family are RoHS compliant (Chinese, Europe, Japan and Turkey RoHS compliance). MCDI supports ecological choice in electronics and is manufacturing without lead, cadmium or PBB.

Memory 12,000,000 events are stored in Edb. Equiped with a removable SD card for backup and logging. Logs can be downloaded to PC over ethernet.

Local or remote operation Edb is designed for both type of operation. In local mode, all the unique display and DB features will bring new features not seen before. In remote installation, Edb is designed to operate as stand alone and report to a distant Central Station. Power options, IP options and distant control option allow new option not seen before in Alarm receivers.

Remote troubleshooting With its embeded linux and IP access, you just need to grant MCDI support staff access to update your Edb remotly. Troubleshooting is also easy,

Working design: Several design choices make Edb the best design available in the Security Industry.

The EXTRIUM box At MCDI, thinking inside the box means we make special boxes that can be used several ways. Edb outer cover includes a stand for raised or stackable position as a desktop unit. Remove outer cover and Edb can be used inside a PC or a server because it's the exact form factor of a CD unit/hardrive unit. Exactly what you need for operation in a server colocation rack or a remote unattended location. PC standardized screws on sides make also to easy and secure fixing in a guard booths or factory plants.

Fan-less design and no mechanical moving parts for operation ensure you get the most uptime. EXTRIUM was designed with remote unattended operation in mind.

No springs buttons: Edb buttons are sealed and incorporated in front membranes. All buttons and LCD display are backlighted for night operation.

Neat anodized finish -RoHS compliant. Acrylic removable outer box cover.

DISPLAY: KEYPAD AND CONTINUOUS STATUS

Easy to use front display with 9 navigation buttons keypad for easy navigation. All Buttons are sealed for durability. Positive touch is confirmed by an audio tone. 256 x 64 graphical display in easy to read in black on blue. Status in permanent display for instantaneous view of all important parameters from power sources to output and destinations. Alert messages displayed on screen and can be emailed as well to supervisors. LCD display backlighted for night/low light operation.

Remote configuration and trafic viewing available from most recent browsers using webkit or html 5. Remote configuration requires browser such as Firefox, Safari and is compatible with nearly all OS. PC not required for alarm receiving or stand alone operation.

Automation software

EXTRIUM::DB is designed for integration with SECURITHOR from MCDI Security Products. EXTRIUM::DB reports to SECURITHOR directly over IP.

A special connexion mode enables EXTRIUM::DB to connect to SECURITHOR database and display account info and alarm codes directly from SECURITHOR database. In this mode, EXTRIUM::DB can acccess a more extended database as SECURITHOR can hold many millions of accounts. SECURITHOR extensive capabilities allows a specific set of alarm codes for each account.

EXTRIUM::DB is supplied with a plug-in for any SECURITHOR that allows direct connexion to SECURITHOR ST1 or STnet at no extra cost (SECURITHOR license required).

SECURITHOR is reporting to most Automation Software on the market including SAMM, WinSAMM, SECURITHOR, Patriot., A-traq, Bold, MAS, SIS, SIMS, Softgard and Centralworks. Direct IP coIP connection to third part software available with supplied component. EXTRIUM::DB is reporting to Automation software in standardized alarm industry formats.

Warranty

EXTRIUM is backed by MCDI SP 3 years limited warranty and MCDI SP legendary support. RoHS compliant versions are covered by a 2 years limited warranty. MCDI SP offers first line support in English, French and Spanish. EXTRIUM is designed for troubleshooting over internet by MCDI SP and programming upgrades are free during the warranty period.

Available Q4 2012 at selected MCDI SP power centres as::
EXTRIUM::DB CPU with 2 phone lines receiver or Concentrator (CPU only no integrated receiver). All units RoHS

Preliminary specifcations. Subject to change without further notice.

MCDI SECURITY PRODUCTS

RoHS Compliant

decrypta6

d5 d6 decrypta6

D6 is the best choice for dual reporting and 2 way voice

Where do you want your alarm signals to go?
With the unique ability to report to several destinations, D5 and D6 are the best choice for dual reporting from remote factory plants, embassies and regional monitoring to headquarters insuring not only tremendous phone saving costs but giving the opportunity to gather alarm signal information from anywhere in the world. Coupled with D5 and D6 abilities to work unattended and being controlled from distance, you get a truly unique professional receiver.

A workhorse for Central Monitoring Stations!
Get 6 phone lines in just one rack-mount unit for real space saving! With a processor for each 6 lines, 3 power sources for each D5/D6 and unique MCDI SP Cognitum programming, you get real integrated redundancy you can count one, without the costs of big boxes.

Listen-in /2 way voice integrated and routed to Op-over IP is standard in D6. You get more tools for alarm without the high cost of PBX systems and you get saving of skipping wire trunks and telephony equip- audio IP is integrated in MCDI SP's SECURITHOR Software to automatically route audio feeds to the processing the alarm.

Attention to details such as front service and fan-less design are part of the D5 and D6 design.

Attention
with front service for live hot swap maintenance. and support are handled over IP by MCDI SP Support mechanical parts for operation and fan-less design receiver does not go down because of prone to break

Out of the box operation: No factory technicians set-up nor strange menus. Power up and you are use most features.

RoHS compliance: Receivers for the EXTRIUM family are the only receivers RoHS compliant to Europe and Japan ecological electronic manufacturing directives. D5/D6 do not contain lead, cadmium or PBB.

ARM processor and embedded linux to get fast, reliable computing without compromise.

MCDI **triple power redundancy**: AC feed, 12V DC battery input and internal one hour lithium-ion battery. All with automatic fall-over for the best uptime even during major power outage.

Highest memory available on the market: 8.000,000 events are stored on removable SD card. Logs are exportable to connected PC for analysis.

Advanced Signal reporting D5/D6 programming is based on MCDI SP Cognitum. Cognitum stands for knowledge and D5/D6 will let you report alarm signals nearly everywhere you want. D5/D6 are able to get alarm signals to several destinations over serial, usb and IP ports allowing back-up Centrals to take over and signal logging to a remote building. 4 IP destinations can be programmed in D5 and D6.

Integrated **fall over/heartbeat** management
When a destination does not send acknowledge of an event, D5 and D6 Cognitum programming automatically sends events to alternate destination. An alternate Control Room can take over when main Control Room does not send acknowledge.

With Cognitum unique fall over signal management you can insure the best uptime to your dealers and subscribers.

This unique ability to report to several destinations makes D5 and D6 the best choices for dual reporting from remote factory plants, embassies and regional monitoring to headquarters insuring not only tremendous phone saving costs but giving the opportunity to gather alarm signal information from anywhere in the world. Coupled with D5 and D6 abilities to work unattended and being controlled from distance, you get a truly unique professional receiver.

Email reports D5 and D6 send internal messages and Daily Status report to 4 emails addresses. Connection to the internet required.

Integrated listen-in/2 way audio
Each time D5 and D6 recognizes a listen-in or 2 way audio code such as Contact ID E606, The phone line is kept open to allow communication between operator and subscriber trough compatible alarm panel. This is one of the least costly way to check for false alarms. In D6, Audio from the phone line is routed on LAN over IP to the operators headset for bi-directional audio communication. When used with MCDI's specially programmed YATE SIP client this routing is made automatically insuring the audio signals gets routed to the operator currently processing the alarm signal. No high cost PBX or transfer system needed and a lot of space saving. Phone client ready for SECURITHOR ST1.2 and network versions. IP phone client (Win XP, Vista and 7) supplied .

PERS at low cost.
Multiple destination reporting, 2 way voice/listen-in to IP audio make D6 the best package for any Central who wants to go into PERS Personal Emergency System monitoring without encountering the costs of PBX and transfer systems. D6 audio IP format is compatible with SECURITHOR from MCDI and delivered with windows phone applications. Operators can link to alarm lines and talk through headsets connected in their PC's sound cards. Compatible with Tunstall TTnew format.

Automation software Compatibility
D5/D6 are compatible with most Automation Software on the market including **SECURITHOR**, SAMM, WINSAMM, Patriot, A-traq, Bold, SIS, SIMS, Centralworks. Reporting to Automation software in MCDI, MCDI enhanced, SG MLR2, MRL2000 modes. Support 3 digits line numbers and 3 digits receiver numbers in MCDI and SG enhanced modes.

Receives most alarm protocol on the market from Pulse to SIA.

LCD display
D5/D6 provides on screen readout of alarms using standards Contact ID and SIA tables.

Status of most important parameters available on front LCD at all time. Heartbeat, lines status, dead line detection, power sources are all reported on front graphic LCD. Buttons and LCD are backlighted for night/low light operation. Internal temperature sensor alerts you of temperature warning especially in close rack operation or when running in tropical climates.

Based on MCDI Security Products Generation 3 programming, all line card have tuning possibilities to get a fast handshake with panels. Most parameters configurable by front panel. All parameters configurable by connected Windows computer over IP.

Remote upgrade and control
Upgrades and support are easily done by MCDI SP support staff over IP. With small form factor, operation and signal redundancy, D6 can be installed at remote location for multi-city Monitoring. Configuration over IP using SSL encryption.

Remote diagnostic
Integrated remote diagnostic function enables MCDI SP to troubleshoot and upgrade D6 units over IP when the unit is connected to the internet. A special 2 way secure procedure lets you enable this function only when you decide it and will only allow MCDI SP support personnel who will troubleshoot, configure or upgrade your unit even from the other side of the world.

MEMORY and logs
D5/D6 are equipped with the largest memory in the industry: 8,000,000 events for 6 lines! Logs are also available and stored on SD card located at the back of unit. SD card can be substituted and increase for larger log keeping. Logs are available for download over IP as comma delimited. Windows compiler supplied for easy descriptive stats and analysis of traffic such as number of calls per line and distribution in time.

Connectivity
D5/D6 output to CMS software using Serial output (flow control) or IP. Multiple D6 can be connected to IP HUB/switch) connected to Server/PC of CMS software such as SECURITHOR.

Connected Station Requirements
D5/D6 basic configuration can be achieved without PC from front display. Configuration using integrated web server using Web browser Webkit compliant.
IP audio: PC with SECURITHOR audio module.
IP reporting: Windows XP, VISTA or 7
USB: available to Windows 98, ME, 2000, XP, Linux 2.6+.
Serial output: DOS , Windows 9x, Me, 2000, XP, VISTA, Linux
Output only: DOS, Windows 3.1, WIN 9x and ME, Linux
Output and configuration: WIN XP, VISTA and 7(with .net 2.0 installed)

Dimensions
Standard one rack-mount unit 19 inches (W) x 1.75 in (H) x 10 in (L)
Aluminium, anodized finish. Weight: 2.5 Kg. Shipping weight 4.5 Kg.
Available as D5, D5r (without audio module) or D6 audio module available Q4 2012.

Especificaciones preliminaresdas especificaciones pueden variar sin previo aviso. Por favor verifique nuestro sitio web para tener siempre la última información

MCDI SECURITY PRODUCTS

PSP power surge protector

PSP Power Surge Protector

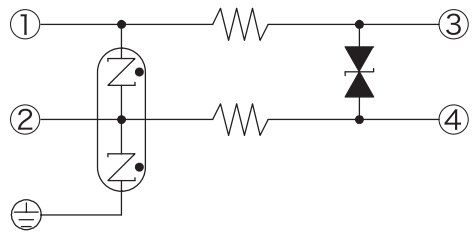
PSP provides stage 1 protection against lightning and power surges of phone lines. Combined with the built-in protection of MCDI receivers, PSP can protect your Central's equipement and maximize uptime.

PSP provides insulation and short path to earth ground when connected. Integrated RSSA - silicon surge absorber and RAC. PSP provides excellent response time and surge absoportion without impeeding alarm signal. PSP is easily installed by connecting phone lines and ground wire. PSP small form factor -modular phone box with input and output jacks- makes it easy to integrate in your receiver installation.

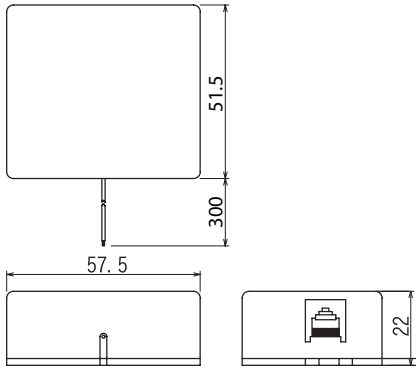
PSP is equipped with 2 RJ11 connectors and works with all brands of receivers or any phone equipment such as fax and office phones.

Sold individually or in bundle of 6 for Decrypta 5 and 6.

Circuit

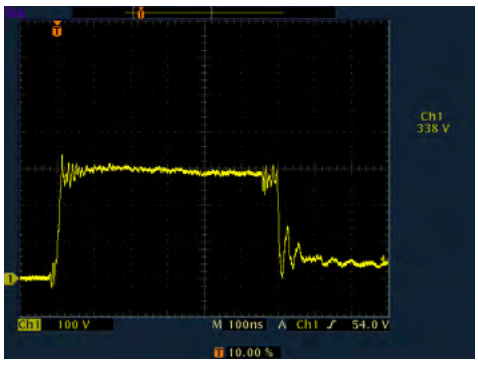


Dimensions (mm)



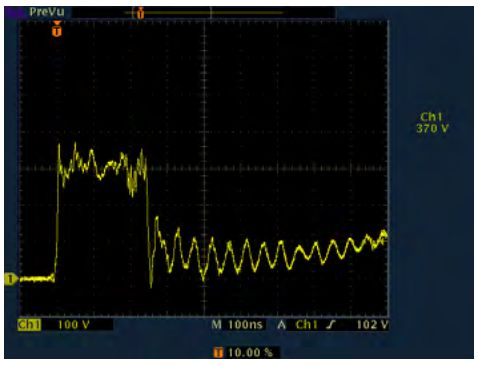
Typical absorbed surge wafe-form when voltage surge is applied. Clamp voltage is almost constant independently of input voltage.

50µs 5kV



50µs 10kV

50µs 20kV



Order from **MCDI** Security Products Inc. 7055 Jean-Bourdon Avec Montreal QC CANADA H4K 1G7 +514-481-1067 mcdi@mcdi.com www.mcdi.com

SECURITHOR

MCDI SECURITY PRODUCTS

SECURITHOR

SECURITHOR is MCDI Security Products new Monitoring Software. From the legacy of making SAMM and WinSAMM for more than 10 years, we are now presenting a completely new Monitoring Software built on the power of SQL. Alarm processing will never be the same with new features such as WAM-Web Access Module, Operator's alertness check or Multi-site operation. Follow us in this brochure to discover some of the highpoints of SECURITHOR.

With more than 10 years of making Monitoring Software, we concentrated on small details to fine tune the alarm processing section and global experience with new workspace for operators, sharper processing and all new widgets such as predefined comments, auto fill and direct one step navigation between menus to speed alarm processing. Add to this a more comprehensive account management and the power of SQL to make enhanced reports and you will experience a new summit in Monitoring Software. Available as Single station version or Network Edition.

Languages
SECURITHOR speaks several languages*! Available in Arabic, English, Farsi, French, Danish, Greek, Portuguese, Spanish and Russian. More languages to be added during 2012 and 2013*Some languages not available for initial release or in OEM/language specific versions

SQL power! Strength and Stability
SECURITHOR database is managed by a PostgreSQL engine. With this new SQL database and the use of new programming tools, we can now add features in SECURITHOR that we could not dream of before. Now standard in SECURITHOR, you will find resizable windows with position memory for each operator's workspace, training mode for new operators, auto fill and prewritten comments. New features will surely contribute to a faster and more standardized operation in the Central. Other standard features include the Operator's alertness check, a timer for each alarm signal processing as well as a large comprehensive bank of reports.

NO COSTLY SQL LICENSE!
SECURITHOR uses PostgreSQL. This reliable SQL database has been around for 15 years and is available for free. Contrary to other CMS software, you don't need to add a pricey Microsoft SQL or MySQL that would double the price of your CMS software.

MADE FOR WINDOWS XP, VISTA and Windows 7
SECURITHOR is made for Windows XP, VISTA and 7 using the latest programming tools from Microsoft to insure the best compatibility with windows. SECURITHOR is routinely checked with all 3 OS to insure full compatibility. Compatibility with Windows 8 upon release of OS.

Built on the power and strength of SQL

Main standard features
No logical limitation on number of accounts.
List of alarm codes customizable per account.
Automatic emailing customizable for each account and alarm code.
Long email addresses accepted
Automatic logging of alarm when enabled.
Completely automatic operation possible.
Up to 10 working schedules.
64 partitions per account supported
10 digits account numbers support
Automatic daily back up
Operators alertness check.
Operators processing timer.
Redundant fast hot keys/mouse for fast operation
Easy operator switch.
Operation by any authorized station on network.
Resizable windows
Favorite window placement memory for each operator.
Customizable sounds
Opening/Closing support with grace period.
Armed/disarmed status at all time
Incoming signals queued by priority scheme.
Heartbeat support.
Flexible test periods: 1...999 hours with delay option.
Notification of missing auto test reports.
Visualization of PDF file for each account.
Import/viewing of 12 JPG images for each accounts.
Map tab for each account

MINIMUM REQUIREMENTS
SINGLE STATION Minimum (Prefered)
- Dedicated PC Dual Core and up speed 2.0 GHz and up (Quad core)
- Memory 1GB for Windows XP (>2GB suggested).
- Display 1024 x 768 and up (video card 128MB+).
- Genuine Windows XP, VISTA or 7 with admin privileges and .NET 3.5
- Windows 7 tested, recommended and optimized.
- HD: 750 MB (7200 rpm or faster). Actual capacity depends on traffic and DB size)
- Internet needed for some functions: emailing, WAM, PPP, STM. Recommended for support. Virtual environments not supported.

NETWORK VERSION
See securithor.com for more comprehensive requirements. Contact MCDI to validate your proposed operation.

SERVER Minimum stated (preferred)
Genuine Windows: W7 ultimate, SBS, 2008 or 2012. SBS/2008/2012 recommended for high traffic:- Dual core 2.0GHz and up. (Quad core 64 bits, high efficiency CPU)
- Memory >1GB suggested (>4GB).
- Ethernet port 100/1000 MB
- Hard disk drive: high availability disk 7200rpm or more (SSD recommended) with 750MB (excluding DB restoring). Actual disk size will vary according to traffic and number of accounts.

Requirements stated for minimal operation and should be adjusted according to experienced traffic. IP receivers application should not reside in Securithor server. Server should be dedicated, no virtual environments.

WORKSTATIONS:
-Genuine Operating system: XP, Vista, Windows 7 with admin privileges.
See ST1 for workstation minimum requirements.
Communication between server and workstation over IP requires high availability network.

SECURITHOR configuration and levels

SINGLE STATION ST1:

Model	Accounts	Station(s)	Time limit
Trial	Unlimited	3	1 month
ST1	Unlimited	1	no time limit

NETWORK VERSION
Unlimited accounts. All configurations require SECURITHOR SERVER

STServer	**SECURITHOR SERVER**
STW1-2-3-4	Workstations 1-4 (ea.)
STW5..n	Workstations 5+ (ea.)

Add-on Modules

STM	**SECURITHOR MOBILE WEB VIEWER**
CAM	Video module, interface with some Hikvision equipments
RSI	Video module, interface with Frontel
WAMserver	**W**eb **A**ccess **M**odule Q1 2012
PPP	**P**anic button **P**rogram **P**ackager
APS	**P**anic button **P**rogram for Android phones with geolocation

STM, CAM, PPP included in Network Edition. All modules options for ST1.

Receiver supported
Integrated IP reception of **MCDI Decrypta 5 and 6**. SECURITHOR supports all receivers using either:MCDI IP, MCDI native, MCDI enhanced, SurGard MLR2, MLR2000, System 3, Ademco 685 formats, SK9000 formats Alarms over SMS support using Sony Ericsson GM28/29 GT47/48, Telit 864 family, Siemens/Cinterion mc52i

Number of receivers per Station
4 different receivers can connect to ST1. 16 receivers can connect to STserver. Additional receivers require a dedicated STserver separated from SECURITHOR's database server.

Backed by MCDI SP legendary support
Support during initial installation and troubleshooting during one year limited warranty during MCDI SP extended business hours in English, French and Spanish. SECURITHOR is also supported in other languages by a large network of 40 dealers around the world. Emergency support line available after hours in English and Spanish for support contract holders.

SPECIAL OFFER TO UPGRADE
SAMM SSUU and WinSAMM WSUU1 licenses purchased are eligible for a special discount on SECURITHOR ST1. Check with your local dealer for special upgrade prices for SAMM and WinSAMM license owners or with MCDI SP sales department mcdi@mcdi.com +514-481-1067.

Getting from SAMM/WINSAMM to SECURITHOR
Migration from SAMM or WINSAMM is available in SECURITHOR 1.1. With shareware module WS2ST, you simply select option to convert and a few seconds later your account database is integrated within SECURITHOR while a back-up is automatically made. Migration support can be contracted for special or custom data conversion.

** Offer not valid for OEM versions or language specific versions. Offer valid only for WSUU1 to ST1

SECURITHOR demo available from: www.securithor.com

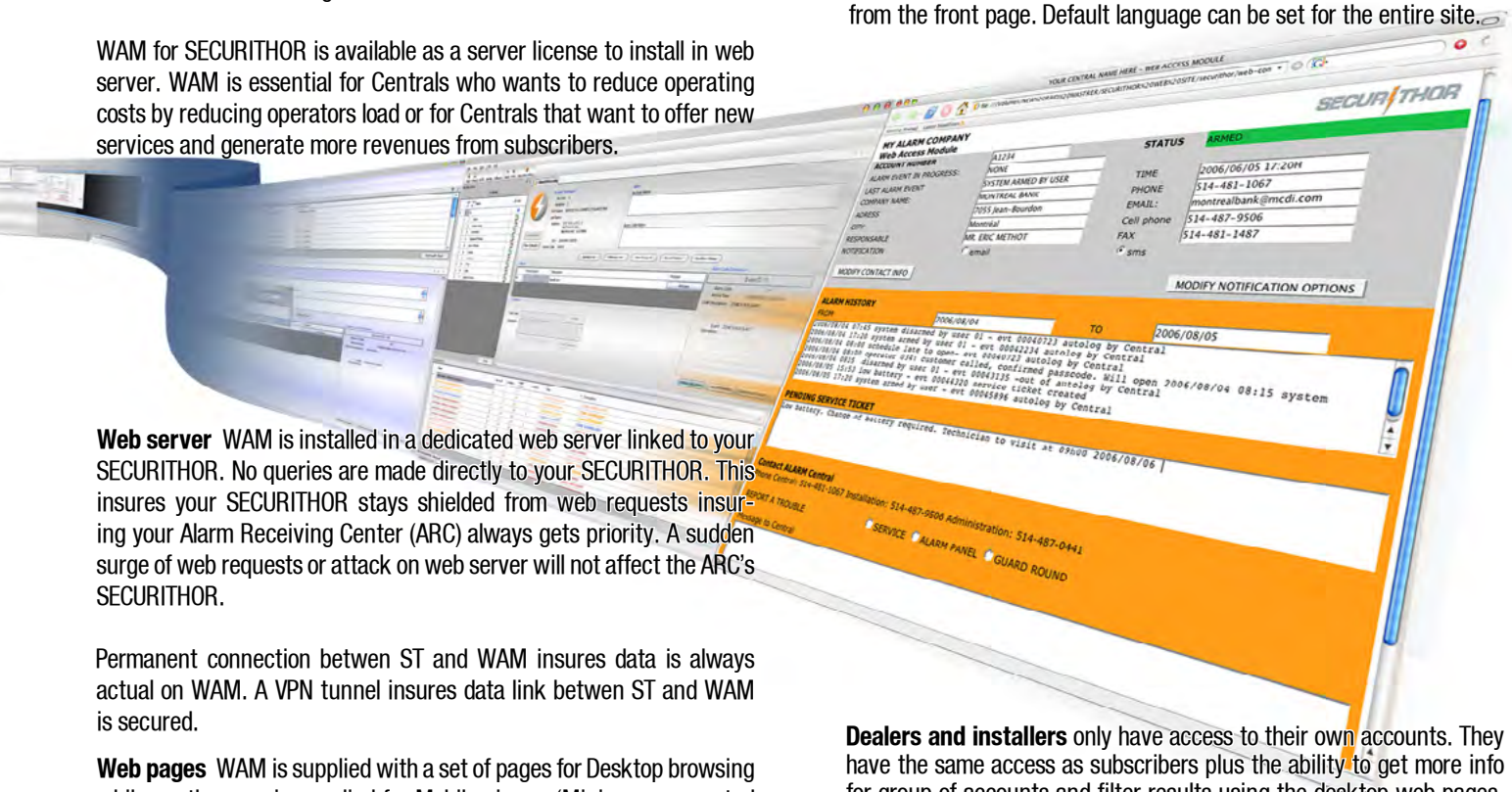
Web Access Module para

WAM-SECURITHOR

WAM - Web Access Module is a key option for SECURITHOR from MCDI Security Products. With WAM, your subscribers, dealers/installers and key CMS staff will access some of SECURITHOR data and functions over the web via a normal web browser such as Firefox or Chrome or directly from their iPhone or Android phones

Among features, WAM will let your subscribers check their armed/disamed status themselves on the web instead of calling the ARC. This alone will reduce staffing needs.

WAM for SECURITHOR is available as a server license to install in web server. WAM is essential for Centrals who wants to reduce operating costs by reducing operators load or for Centrals that want to offer new services and generate more revenues from subscribers.



Web server WAM is installed in a dedicated web server linked to your SECURITHOR. No queries are made directly to your SECURITHOR. This insures your SECURITHOR stays shielded from web requests insuring your Alarm Receiving Center (ARC) always gets priority. A sudden surge of web requests or attack on web server will not affect the ARC's SECURITHOR.

Permanent connection betwen ST and WAM insures data is always actual on WAM. A VPN tunnel insures data link betwen ST and WAM is secured.

Web pages WAM is supplied with a set of pages for Desktop browsing while another one is supplied for Mobile viewer (Minimum suggested 320px width x 480px height). Web pages are available in many languages and some of the content is made to be customized for your ARC such as dedicated Contact pages, Help pages for user guides. Customized look and feel can be contracted through MCDI Graphic designer.

Installation and support WAM is installed by MCDI on your selected web server. Initial installation and tuning are covered by a support allocation and also includes some graphic customization for your ARC.

Requirements Dedicated web server according to expected traffic. Permanent internet connection through VPN betwen SECURITHOR and WAM required to keep data actualized.

MCDI needs to install components such as Lighttpd, PHP, PostgreSQL (For Linux CentOS or Ubuntu) or PHP, PostgreSQL (ForWindows 2008/2012) Contact MCDI to discuss which type of web server is best for your expected web traffic and review our benchmark testing.

What will WAM do for each user?

Subscribers can access event history, check their schedule events, know if their system is armed or the status of a service ticket. They can make service requests and contact your ARC or admin center. They can find a contact page and help page with user guide repository. A link to your ARC Facebook and Twitter account can be displayed. Subscribers access WAM by their web browser or with dedicated Mobile web pages for their iPhone and Android phones. Entry to WAM is protected by account id and password. Language selection is possible from the front page. Default language can be set for the entire site.

Dealers and installers only have access to their own accounts. They have the same access as subscribers plus the ability to get more info for group of accounts and filter results using the desktop web pages. They get info such as traffic from the last day or more complete history of specific accounts. They can view several informations of subscribers accounts such as contact info, service tickets and write new service tickets. They can check which of their accounts are armed or disarmed at any given time. They can see the list of service tickets by customer, by group of customer or for all their accounts. Service tickets presented as pending or completed. They can't process alarms or modify an account but can communicate this information to the ARC.

ARC staff have the ultimate level of access in WAM. They can do everything the dealers and installers for every accounts. They also get STM mobile web viewer to review key data such as last 100 events, most received in 24 hours, list of connected operators.

Linux, PHP and PgSQL: WAM was tested extensively by MCDI using Lighttpd web engine, PHP and PostgreSQL in professional web hosting environments such as iWeb and Amazon EC2. This combination provides light and fast web server under CentOS or Ubuntu. Windows hosting also possible.

KEY FEATURES

SECURITHOR is so packed with features that we encourage you to download a trial version from securithor.com to check them all. Here's a sample of what you will find in SECURITHOR:

Pick an alarm or arrange by priority
All incoming alarms are shown in a general traffic window. Alarms are presented to the operator as they come in or sorted by priority code when the CMS receivers more alarm events than operators available. Priority codes 1 to 10 are colour coded for easy reading and predefined to insure operator does treat most important e.g. fire or burglary over low priority service alarm events.

If you recognize an important alarm event in the traffic window that should be treated readily, just pick it from the incoming traffic and process it (available to some supervising operators only, in version 1.1). Otherwise just let SECURITHOR decide of the alarm assignement from the priorities you defined.

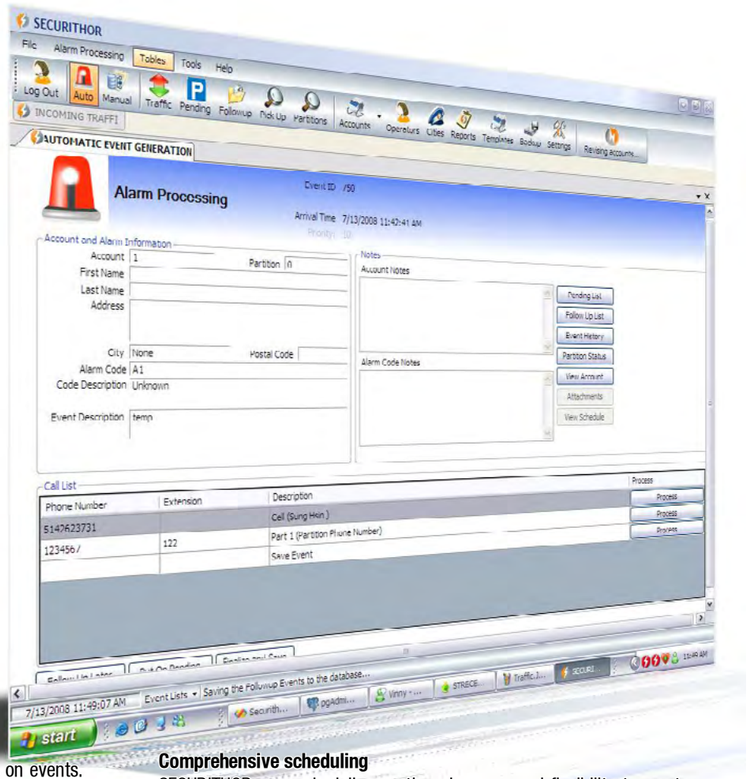
Multiple events processing
Multiple signals coming for the same event or site can be processed at same time to speed up operation. A succession of zone alarms can be batch processed this way to speed up processing. (requires version 1.2)

Standardized comments
Standardized comments can be defined by the manager so operators use those when processing alarm or writing notes on events. Professionalism of the Centrals will show as some comments and notes are shown to subscribers. This feature also speeds up processing time as notes by operators are often the same day after day.

Automatic processing of alarm signals
SECURITHOR has the ability to process alarm automatically without operator interventions. For each account, you can define an action for each type of alarm code. Some alarm codes are only logged automatically while other trigger emails or SMS sending to. A high volume Central could operate automatically without operators if critical alarms monitoring is not needed.

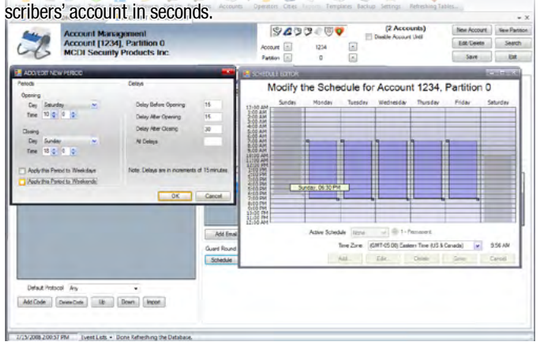
Email and SMS sending
Upon receiving an alarm signal, SECURITHOR matches this signal to the customer account and checks automatically if an email or SMS should be sent for this particular alarm signal. Operators intervention is not needed as this operation is totally automatic. This email message can be personalized with from, subject, headers and footers predefined for your Central Station.

SECURITHOR works with Telit 864 GSM or Siemens mc52i modems to send SMS Short Message Service over the GSM network. This is a fast and realiable way to send phone to phone SMS. Another way to send SMS related alarm events is to use the email to SMS gateway of your GSM provider. Providers that offer this service typically use a porthole such as phone_number@providername.com .



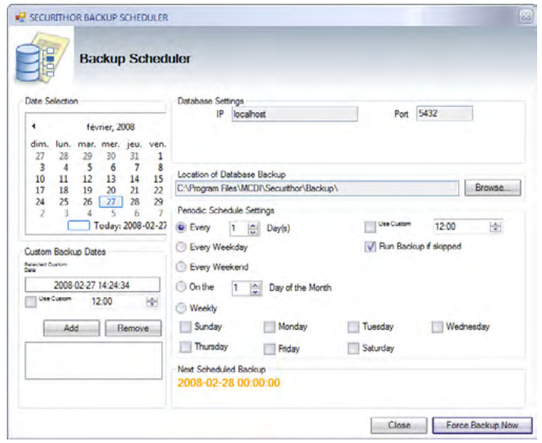
Comprehensive scheduling
SECURITHOR new scheduling section gives you real flexibility to create and edit schedules. Editing is intuitive, comprehensive and flexible. Copy schedules from template or add daily, weekly or monthly events just by clicking. Select special holiday schedules. Easily extend a schedule on two days, weeks or months simply by dragging and stretching the event block.

Copy templates
No need to retype all information each time you creat an account. Most CMS use only a few sets of alarm codes and generic schedules. Import them into a new account, edit them to your liking and create a new subscribers' account in seconds.


Account Management
Account [1234], Partition 0
MCDI Security Products Inc
Modify the Schedule for Account 1234, Partition 0

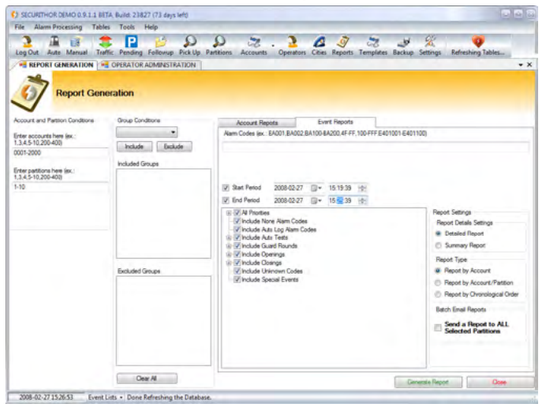
All specifications are preliminary and may change without prior notice. Some features require version 1.2

Automatic periodical back-up
Don't get caught by equipment failure. Schedule back-ups on removable drive or network drive at regular intervals and let SECURITHOR handle back-ups. No need to quit SECURITHOR as back-ups are handled in the background without slowing SECURITHOR.



In case of equipment failure, SECURITHOR also includes a restore application so you can easily rebuild your database from the latest back-up. Back-up on demand is also available at any time. NAS supported.

EXTENSIVE REPORT SECTION
SECURITHOR goes further by using Crystal Reports technology for its Report Generation. Numerous filters available to tailor reports and help you manage your CMS and offer more to your customers.



To help you manage your Central Station operation you can select reports to fine tune open and closing settings and send Reports to customers. Filter by time period, account numbers, alarm receiver number, alarm code type etc... Reports can be formated as rtf, pdf, tab/comma delimited. Emailing to customers is possible for some type of reports.

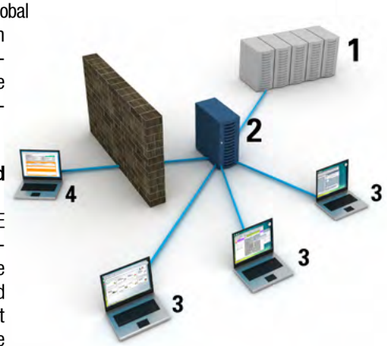
The Network Edition

If you require several operators to handle alarm traffic or require a high-redundancy, high-efficiency monitoring setup, Securithor NE (Network Edition) is the choice for you.

To meet the demands of today's Alarm Receiving Centre, Securithor NE was developed with security, scalability and speed in mind. Both small and large ARC aiming for continued growth can benefit from Securithor NE's scalable architecture; from a single server, single station installation to more complex installations with server clusters, gateways and workstations, Securithor NE is designed to meet the demands of any Alarm Receiving Centre.

SECURITHOR is delivered with its own easy-to-follow installer. No IT specialist is needed for a basic setup. Our support staff can offer training and assistance with larger and more complex installations for those who require them.

Architecture: Separate gateway and database server, clusters
To enhance security and speed, the database server [1] and operation gateway [2] can be separated. This ensures the security and stability of the database cluster as the load-balancing between operators [3] and requests from the out of walls operators [4] take place before touching any of the nodes on the database.Global operation takes place on the gateway, as does data-caching. The database itself is architected to allow data-sharing.



Load-balancing and network throttling
As SECURITHOR NE supports many different access points, we have included tools and measures to ensure that incoming alarms have priority over all other non-essential events. In this way, web requests, data migration, statistics calculations and all other non-essential database interactions are throttled dynamically according to a central's current load.

WAM Web Access Module WAM is hosted on a dedicated web server, physically separated from ST. A permanent connection over VPN tunnel insures WAM receives the most up to date data. Web requests are made directly to WAM and handled solely by WAM thus shielding the Alarm Receiving Centre's SECURITHOR from attacks and traffic surges.

APS Panic button module: this optional module includes Panic buttons apps for Android phones and PC. Subscribers can install a virtual panic button to reach the ARC. Android phones app sends geolocation when available.

Easy upgrade path from single station edition to NE SECURITHOR Single Station Edition and Network Edition share a common user interface and a similar database structure. Moving from SSE to NE is easily done and will not require operator re-training. Securithor NE is architecture allows a rolling upgrade, so the alarm central will incur minimal downtime.

SECURITHOR Network Edition

The architecture of STnet is based around a central server. This server can range from a typical PC to a high availability server depending on the traffic and uptime you require. SECURITHOR server can run under regular OS or Server versions depending on expected traffic. Connected workstations operate under Windows XP, VISTA or 7.

The server is strictly used for the database hosting and serving and some automatic operations such as schedule checks, logging and emailing. Communication with receivers is either on the server, dedicated PC on local network or distributed through workstations.

New SQL engine for SECURITHOR

In designing SECURITHOR, we made sure to use SQL engine and database. SQL respects the 4 S we are looking for: **S**trength, **S**afery, **S**tability, **S**peed.

SECURITHOR is powered by **PostgreSQL**. This SQL engine has been around for 15 years and it is supported by a large community of developers. But the best is that it is free to use so you do not have to add a pricey Microsoft SQL or MySQL license to the cost of your Monitoring software.

POWERED BY PostgreSQL

SECURTHOR comes with all necessary SQL tools and installation of the SQL engine is part of SECURITHOR installer.

Compatible with Windows XP, VISTA and 7

SECURITHOR was started with Windows XP and VISTA in mind. It is now working with Windows 7 and ready for W8. SECURITHOR is regularly tested on all 4 operating systems. MCDI uses Microsoft made development tools to insure the utmost compatibility. SECURITHOR takes advantage of the Microsoft .NET framework and all necessary components are part of windows or supplied and installed by SECURITHOR installer.

Compatible with Windows 7

Advanced Graphical User Interface

SECURITHOR desktop is stretchable up to 2048x1152 and most SECURITHOR menus have a hide and show feature to gain direct access on the desktop without having to go through a maze of menus.

Each operator can customize his own workspace, place menus and forms of SECURITHOR as he wishes by simply dragging and docking on the workspace. This way every operator can optimize his own SECURITHOR for more efficiency. Settings are remembered for each operator when he logs in.

IP input

SECURITHOR is the plateform of choice for MCDI new **EXTRIUM** receivers with IP reporting. All Extrium line receivers can report to SECURITHOR over IP. SECURITHOR is supplied with IP interface for **RIGHTKEY** IP/GPRS receivers and is also compatible with NV GPRS Server. Compatible with most IP receiving software.

Migration and discounts from SAMM and WinSAMM

If you own a SAMM or WinSAMM, you can receive a special discount and migrate to SECURITHOR easily using the supplied shareware migration tools. Most of SAMM/WinSAMM client data is converted to SECURITHOR so you can start using SECURITHOR rapidly as operators re-training is kept to a minimum. Inquire to MCDI about special discounts to migrate.

STM SECURITHOR MOBILE

STM ST mobile viewer allows Supervisors to view over the Web Key Status such as number of events received, emailed/sent by SMS, logged operators, last 100 events and 10 most received events in 24 hours. Works with most web servers or can be hosted free on MCDI's web servers. Made for iPhone, iPad and most web enabled modern devices sporting 320 pixels width. Works with most desktop web browsers supporting WebKit.

STM is standard in STnet and add-on for ST1.

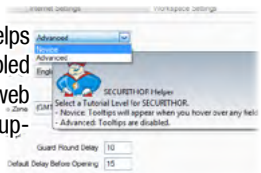
PPP - PC Panic button for PC

With PPP, a Central station can distribute Virtual Panic buttons for PC to all subscribers. Virtual Panic Buttons are supplied with PPP and installed in Subscriber's Windows PC. Subscribers just need to press their secret keyboard combination and a Panic Signal is sent silently over IP to the Alarm Receiving Centre. Many Virtual Panic Buttons can be installed at the same location. PPP makes it easy to configure and distribute a Panic button app personalized for each subscriber and with IP information to reach the Central already filled.

PPP is an add-on module for ST1 and included in ST Network Edition.

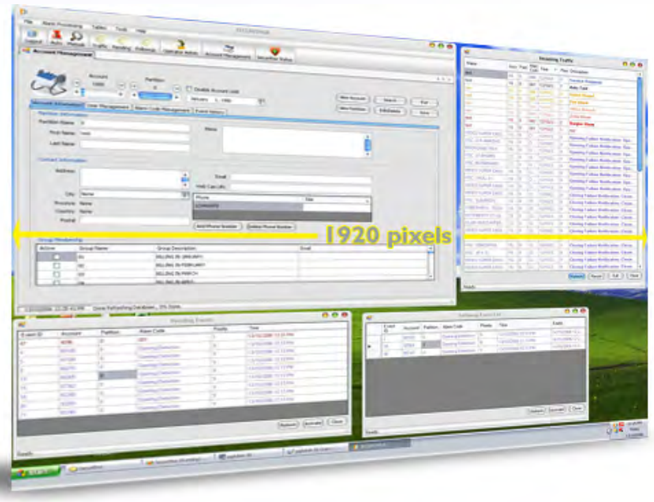
Integrated help and training options

Help menus are integrated in SECURITHOR. Helps menus are displayed in training mode and disabled when using the Advanced mode. One to one web training sessions are also available from MCDI support staff with support plans.



Customize SECURITHOR interface and personalize SECURITHOR's workspace the way you want it

Float, drag, dock, resize, strech and place!
Do as you please with SECURITHOR windows. Nearly all windows of SECURITHOR can be sized, resized and placed on your display the way you like it.

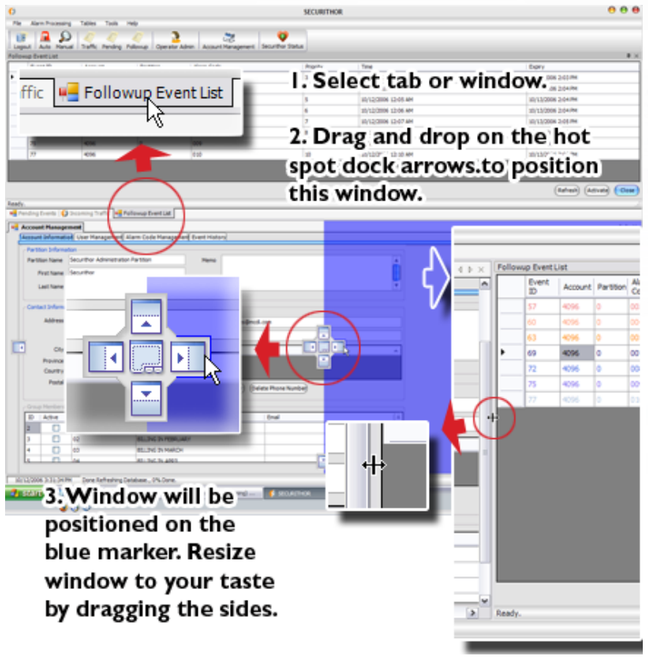


Place them on your desktop to best fit your operation mode. Want to keep admin windows on one side and alarm monitoring on the other? Easily done with SECURITHOR. Operators are not overflowed by the quantity of information as it it placed and organized in a natural way for each of them. SECURITHOR supports workspace customization for each operator.

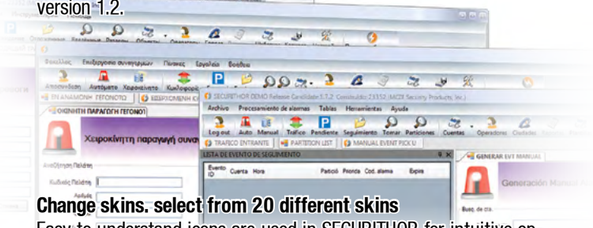
Last positionning of the workspace is remembered for each operator upon log out. When coming back to SECURITHOR, the operator will find his workspace organized the same way he or she left it. No loss of time because the operator can process alarms right away. Operator *log in* is controlled by user and password so settings are individualized.

Drag and drop.
Unclutter the workspace by docking SECURITHOR windows. This way you prefered topics are always at the same place where you want them. Easily group administration windows on one side while alarm processing windows are grouped on the other.

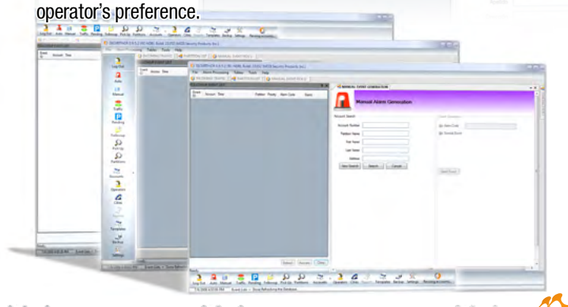
Hide but don't seek
Too much windows in your workspace? Add clarity by docking them and using SECURITHOR sliding window feature. Windows are docked on sides, top or bottom and displayed only when you you rollover the tab with your mouse. Window will disappear when you rollover another window. Just Click on the thumb tack to keep frequently viewed windows on permanent display


Followup Event List
1. Select tab or window.
2. Drag and drop on the hot spot dock arrows.to position this window.
3. Window will be positioned on the blue marker. Resize window to your taste by dragging the sides.

Easily change language.
Operators can select their display language easily (not available in OEM and language specific versions). English, Spanish, Russian, Portuguese available in version 1.0. Turkish, Greek, German available in version 1.2.



Change skins. select from 20 different skins
Easy to understand icons are used in SECURITHOR for intuitive operation. Tool bar can be placed on all side of the main window to suit operator's preference.



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